

The Earth Ellipsoid of F. N. Krasovskiy, by Eng
Dr Frantisek Broz, 7 pp. UNCLASSIFIED

CZECH, Zemamerictvi, Vol III, No 1, pp 10-16, 1953.

OCE Tr

~~SECRET~~ - ~~Classification~~

USSR - Geography

10,187

Moscow Institute of Engineers for Geodesy,
Photogrammetry and Cartography (MIICAiK), by
Eng Dr Mironlav Hauf, 2 pp. UNCLASSIFIED

CZECH, Zememericiv, Vol III, No 2 '3, 1953, pp 20-21.

OCE Tr

~~Scientific Publications~~
USSR - Geography

10,181

The Geometry of Krasovskiy's Ellipsoid in the
Triangulation and Mapping of the Czechoslovak
Republic, by Prof Jos Boha, 11 pp. UNCLASSIFIED

CZECH, Zememarietvi, Vol III, No 4, 1953, pp
53-63.

USSR - Geography

OCE Tr

~~Scientific - Geography~~
~~xxxx~~

10,182

(FDD 20850)

An Addition to the Study of Geodesy in Czechoslovakia,
by Milos Cimbalnik, 20 pp.

CZECH, photostats, Zememeriectvi, No 7, 8, Jul/Aug 1953,
pp 104-109.

CIA/FDD/U-6120

ESur - Czechoslovakia

Sci - Physics, geodesy

Jul 54 CTS

17,235

The Geometrical Relations Between Grids of Krovaks
Projection of the CSR and the Three Degree Gauss
Zones, by Eng Ivo Jakubka, 6 pp. UNCLASSIFIED

CZECH, Zememěřství, Vol III, No 7 '8, pp 1953,
pp 109-113.

OCE Tr

~~Scientific Documentation~~

USSR - Geography

012/100/11-6078

10,183

Transformation of the Coordinates of the
Czechoslovak Trigonometric Grid to the
Coordinates of Gauss Three Grade Zones in the
Soviet System of 1942, by Josef Bohm, 8 pp.
UNCLASSIFIED

CZECH, *Zememěřictví*, Vol III, No 7 '8, 1953,
pp 115-122.

OCE Tr

~~SCIENTIFIC - Geophysics~~

USSR - Geography

10,180

TT-64-14330

Dyckerhoff, Walter.
PETROGRAPHY OF Al_2O_3 FUSED CEMENTS.
[20 Jan 55] 11p (figs omitted) 2 refs
Order from SLA \$1.60

TT-64-14330

Trans. of Zement (Germany) v. 13, p. 386-388,
399-402.

DESCRIPTORS: *Cements, *Crystal structure, Fused
materials, Aluminates, Calcium compounds, Silicates,
Compressive properties, Aging (Materials), Chemical
analysis

(Materials, TT, v. 11, no. 9)

1. Dyckerhoff, W.

Office of Technical Services

Grün, Richard.
EFFECT OF CHEMICAL COMPOSITION OF SLAG
ON CLINKER ON HARDENING AND RESISTANCE
TO SULPHATES OF SLAG CEMENT. [1963] 19p

Order from SLA \$1.60 TT-64-14337

Trans. of [Zement (Germany) 1923, v. 12, p. 297-298,
7-310, 317-319, 326-329].

DESCRIPTORS: *Cements, Hardening, Aging (Mate-
rials), Corrosion, Sulphates, Mechanical properties

Materials, TT, v. 11, no. 9)

TT-64-14337

1. Title: Clinker cement
1. Grün, R.

Office of Technical Services

Effect of Storage on Cement, by A. Kleinlogel,
19 pp.
GERMAN, per, Zement, Vol XIII, 1924, pp ,
No 50, 51.
CFBTI TT-64-18258

Sci - M/M
Jul 66

305,863

Zimmerman, L.
ON THE EFFECT OF MAGNESIUM SULPHATE SOLUTION ON MORTAR AND CONCRETE. 20p (6 tables omitted).

Order from SLA \$1.60

TT-64-18275

Trans. of Zement (Germany) 1924 [v. 13] no. 16, p. 161-164; no. 17, p. 178-180; no. 18, p. 193-195.

(Materials, TT, v. 12, no. 7)

TT-64-18275

I. Zimmerman, L.

Office of Technical Services

Critical Observations on the Influence of
Gypsum, in the Setting and Hardening of
Cement, based on Experimental Investigations,
by F. Tippmann, 14 pp.
GERMAN, per, Zement, Vol XIII, 1924, pp 135-136;
147-150.
CFSTI TT-64-18259

Sci - M/M
Jul 66

305,870

On the Effect of Magnesium Sulphate Solution
on Mortar and Concrete, by L. Zimmerman, 20 pp.
GERMAN, per, Zement, Vol XIII, No16, 1924,
pp 161-164; No 17, pp 178-180; No 18, 193-195.
CFSTI TT-64-18275

Sci - M/M
Jul 66

305,872

Gassner, Otto.
PRACTICAL QUESTIONS CONCERNING CONCRETE IN
SEA WATER. [1963] 58p (refs omitted)
Order from SLA \$5.60

TT-64-14421

Trans. of Zement (Germany) 1924, v. 13, p. 235-238,
247-251, 262-266, 277-279, 289-291.

(Materials, TT, v. 11, no. 11)

TT-64-14421

I. Gassner, O.

Office of Technical Services

TT-64-14329

Dyckerhoff, Walter.
WHAT IS ALITE? NEW INVESTIGATION ON THE
CONSTITUTION OF PORTLAND CEMENT CLINKER.
[5 Nov 24] 8p (figs omitted)
Order from SLA \$1.10

TT-64-14329

Trans. of Zement (Germany) 1924, v. 13, p. 455-457,
467-470.

DESCRIPTORS: *Cements, Crystal structure, Calcium
compounds, Silicates

(Materials, TT, v. 11, no. 9)

1. Title: Clinker cement
2. Title: Alite
1. Dyckerhoff, W.
- II. Title: New...

Office of Technical Services

PS. TT-64-18255

I. Rodt, V.

Rodt, V.
BEHAVIOR OF ALKALIES IN CEMENT ON STORING
IN WATER. Sp.
Order from SLA \$1.10

TT-64-18255

Trans. of Zement (Germany) 1924, v. 13, p. 470-472.

(Materials, TT, v. 12, no. 7)

TT-64-14325

I. Burchartz, H.
E. Rodt, V.

Burchartz, H. and Rodt, V.
INFLUENCE OF SUGAR ON THE SETTING AND
HARDENING OF CEMENT. [1963] 3p (figs omitted)

Zrefs

Order from SLA \$1.10

TT-64-14325

Trans. of Zement (Germany) 1924, v. 13, p. 509-511.

DESCRIPTORS: *Cements, *Aging (Materials),
*Hardening, *Carbohydrates, Mortar, Tensile prop-
erties, Compressive properties, Deformation

(Materials, TT, v. 11, no. 9)

Office of Technical Services

Nacken, R. and Dykerhoff, W.
MINERAL FORMATION ON HEATING CaO , SiO_2 ,
AND Al_2O_3 . [Jan 25] 6p 7refs
Order from SLA \$1.10 TT-64-14201

Trans. of Zement (Germany) 1924, v. 13, p. 626-627,
649-651.

DESCRIPTORS: *Cements, Calcium compounds,
Silicon compounds, Aluminum compounds, Oxides,
Heating.

(Materials, TT, v. 11, no. 7)

TT-64-14201

1. Title: Clinker
I. Nacken, R.
II. Dykerhoff, W.

Office of Technical Services

Gassner, Otto.
BLEACHING POWDER VATS OF CONCRETE.
14 Feb 25 [Sp]
Order from SLA \$1.10 TT-64-14418

Condensed trans. of Zement (Germany) 1924, v. 13,
p. 632-634, 652-654, 684-688.

(Materials, TT, v. 11, no. 11)

TT-64-14418

I. Gassner, O.

Office of Technical Services

Titan Cements, by Hans Kuhl, 11 pp.
GERMAN, per, Zement, Vol XIV, No 3, 1925,
pp 37-39.
CFSTI-TT-64-18240

Sci - M/M
Jul 66

3 05,866

Radeff, Kristo.
THE HYDRATION OF CaO-RICH ALUMINATES. 11p
2refs.
Order from SIA \$1.60 TT-64-18285
Trans. of Zement (Germany) 1925, v. 14 [no. 9]
p. 177-182.

re- TT-64-18285

I. Radeff, K.

(Materials, TT, v. 12, no. 7)

The Use of Rontgen Rays on Cement,
by R. Nacken, 8 pp.
GERMAN, per, Zement, Vol XIV, No 19, 20, 1925,
pp 419-422; 437-439.
CFSTI TT-64-18298

Sci - M/M
Jul 66

305,867

Jänecke, Ernst.
THE COMPOUND $8\text{CaO} \cdot 2\text{SiO}_2 \cdot \text{Al}_2\text{O}_3$. THE ALITE OF
PORTLAND CEMENT. Sp (5 refs ^{tailored} 5 refs.
Order from SLA \$1.10 TT-64-18292

Trans. of Zement (Germany) 1923, v. 14 [no. 12]
p. 272-274.

(Materials, TT, v. 12, no. 7)

TT-64-18292

I. Jancke, R.

Office of Technical Services

TT-64-14326

Biehl, Carl.
THE PETROGRAPHY OF MODERN PORTLAND
CEMENT CLINKER. [15 Jun 25] 6p (figs omitted)
Order from SLA \$1.10 TT-64-14326

Trans. of Zement (Germany) 1925, v. 14, p. 379-382,
397-399.

DESCRIPTORS: *Cements, *Crystal structure, Heat
treatment

1. Title: Clinker cement
1. Biehl, C.

(Materials, TT, v. 11, no. 9)

Office of Technical Services

TT-64-14428

I. Haegermann, G.

Haegermann, G.
CEMENT RESEARCH IN THE UNITED STATES.

[1963] 9p (figs omitted)

Order from SLA \$1.10

TT-64-14428

Trans. from Zement (Germany) 1925 [v. 14] no. 40,
[p. 816-817].

DESCRIPTORS: *Cements, *Concrete, *Scientific
research, Industrial research, Test methods,

(Materials, TT, v. 14, no. 10)

Office of Technical Services

A Comparison of Air- and Water-Granulated
Blast-Furnace Slag in the Manufacture of Blast
Furnace Slag Cement, by A. Guttman, 15 pp.

GERMAN, per, Zement, Vol XIV, No 41, pp 57-60;
No 5, pp 75-78, 1925.

B.L.A.

Scientific - Engineering
CTB 70/Jul 55

25,191

TT-64-18220

Kohl, Hinn and Ullrich, Erick.
CHLORIDE CRACKING. [22p] (3 figs 2refs omitted).
Order from SLA \$2.00 TT-64-18220

Trans. of Zinnert (Germany) 1925, v. 14, p. 859-861.
880-882, 894-902, 917.

(Materials, TT, v. 12, no. 7)

Office of Technical Services

TT-64-14365

Grün, Richard, Tremmel, Karl, and Kunze, Günter.
THERMAL INVESTIGATION OF SLAGS, PTS. I-II.
[1963] 27p. Briefs
Order from SLA \$1.60

TT-64-14365

I. Grün, R.
II. Tremmel, K.
III. Kunze, G.

Trans. of Zement (Germany) 1925, v. 14, p. 948-950,
963-965, 987-990.

(Materials, TT, v. 11, no. 11)

Office of Technical Services

TT-64-14198

Guttmann, A.
FINENESS OF IRON-PORTLAND CEMENT. [1963]
[17p] (figs omitted) 12refs
Order from SLA \$1.60

TT-64-14198

Trans. of Zement (Germany) 1926, v. 15, no. 9,
p. 164-168; no. 10, p. 185-187; no. 11, p. 200-203.

DESCRIPTORS: *Cements, *Particle size, Particles,
Separation, Quantitative analysis, Slags.

(Materials, TT, v. 11, no. 7)

I. Guttmann, A.

Office of Technical Services

Haegermann, G.
AMERICAN AND GERMAN PORTLAND CEMENTS.
[Jan 27] [8p]
Order from SLA \$1.10 TT-64-14208

Trans. from Zement (Germany) 1926 [v. 15] no. 47.
(Continued)

DESCRIPTORS: *Cements, Standards, Density,
Weight, Compressive properties, Tensile properties.

(Materials, TT, v. 11, no. 7)

TT-64-14208

I. Haegermann, G.

Office of Technical Services

TT-64-14332

Beckmann, Hugo.
STUDIES ON THE HYDRATION OF DICALCIUM
SILICATE AND TRICALCIUM SILICATE. 7 Apr 27
[13p] Stoffs
Order from SLA \$1.60 TT-64-14332

Trans. of Zement (Germany) 1927, v. 16, p. 37-40,
55-58.

DESCRIPTORS: *Calcium compounds, *Silicates,
Chemical reactions, Solubility, Electrical conductance,
Cements

(Materials, TT, v. 11, no. 9)

I. Beckmann, H.

Office of Technical Services

Clinker Constitution and Preparation of Raw
Mixes, by K. Tremmel, 9 pp.
GERMAN, per, Zement, Vol XVI, No 17, 1927,
pp 329-332; 353-356.
CFSTI TT-64-18318

Sci - M/M
Jul 66

305,871

Dyckerhoff, Walter.
CLINKER INVESTIGATION. [11 Nov 27] 10p
Order from SLA \$1.10 TT-64-14328

Trans. of Zement (Germany) 1927, v. 16, p. 731-[735].

DESCRIPTORS: *Cements, Chemical analysis,
Calcium compounds, Silicon compounds, Dioxides,
Silicates,

(Materials, TT, v. 11, no. 9)

TT-64-14328

1. Title: Clinker
1. Dyckerhoff, W.

Office of Technical Services

Colloidal Chemical Reactions of High Alumina
Cement Mortar, by Leopold Jesser, 21 pp.
GERMAN, per, Zement, Vol XVI, 1927, pp 741-746.
CFSTI TT-64-18254

Sci - M/M
Jul 66

305,862

Nachen, R.
SETTING AND HARDENING OF CEMENTS. [8]p
(3 figs omitted).
Order from SLA \$1.10 TT-64-18323
Trans. of Zement (Germany) 1927, v. 16, p. 1017-1023.

TT-64-18323

I. Nachen, R.

(Materials, TT, v. 12, no. 7)

Office of Technical Services

TT-64-18231

Kuhl, H. and Tokube, J.
MEASUREMENT OF THE FINEST PARTICLES IN
PORTLAND CEMENT WITH THE WIEGNER
SEDIMENTATION APPARATUS. (12p) (5 figs omitted)
Refs.

Kuhl, H.
H. Tokube, J.

Order from SLA 11.00

TT-64-18231

Trans. of Cement (Germany) 1928, v. 17 (no. 7)
p. 256-301, 299-301.

(Materials, TT, v. 12, no. 7)

The Action of Chemically Aggressive Solutions
on Cement and Mortar, by E. Probst, 11 pp.
GERMAN, per, YZement, Vol XVIII, No 10, 11,
1929, pp 292-296; 338-342.
CFSTI TT-64-18264

Sci - M/M
Jul 66

305,868

Concerning the Determination of
Heats of Formation of Silicates for Their
Oxides, by R. Nacken.

GERMAN, per, Zement, Vol XIX, No 35,
1930, pp 818-825, No 36, pp 847-849.
SLA TT 64-18336

Apr 67

323,111

TT-64-14188

Graf, Otto.
INVESTIGATIONS ON THE PROTECTION OF CON-
CRETES AGAINST CORROSIVE WATERS. [1963]
[10p] (figs omitted)
Order from SLA \$1.10

TT-64-14188

I. Graf, O.

Trans. of Zement (Germany) 1930, v. 19, no. 40,
p. 936-941.

DESCRIPTORS: *Concrete, Corrosive liquids, *Cements,
Corrosion inhibition, Protective treatments.

(Materials, TT, v. 11, no. 7)

Office of Technical Services

Preparation and Identification of Dicalcium
Silicate, Tricalcium Silicate, and Tricalcium
Aluminate, by I. Weyer.
GERMAN, per, Zement, Vol XX, No 3, 1931,
pp 48-51.
SLA TT 64-18339

Apr 67

323,109

Guttmann, A. and Gille, F.
A FINAL WORD ON THE ALITE PROBLEM.
[Apr 31] [9p] 19refa
Order from SLA \$1.10

TT-64-14187

Trans. of Zement (Germany) 1931, v. 20, no. 7,
p. 144-147.

(Chemistry--Physical, TT, v. 11, no. 12)

TT-64-14187

I. Guttmann, A.
II. Gille, F.

Office of Technical Services

Physical Changes in Cement Mortar Produced by Carbon Dioxide Reaction, by C. R. Platzmann, 3 pp.

GERMAN, per, Zement, Vol XXI, No 26, 30 Jun 1932, pp 381, 382.

S.L.A. No 378/1956

Scientific - Engineering

34, 288

Hydraulic Hardening as a Surface Reaction,
by Hans Kuhl.
GERMAN, per, Zement, Vol XXI No 27,
1932, pp 392-397; No 28 p 405-410.
SLA TT 64-18235

Apr 67

323,114

Physical Changes in Cement Mortar Produced by Carbon
Dioxide Reaction, by Werner Humm, 2 pp.

GERMAN, per, Zement, Vol XXI, No 38, 22 Sep 1932,
p 536.

S.I.A. No 336/1956

Scientific - Engineering

34, 310

TT-64-14185

Chassevent, Louis and Kuhl, Hans.

THE ACTION OF WATER ON PORTLAND CEMENT:
THE CALCIUM HYDROSILICATES [AND COMMENT].

[14 Jan 35] [11p] 8 refs

Order from SLA \$1.60

TT-64-14185

Trans. of Zement (Germany) 1934, v. 23, no. 17,
p. 237-240.

DESCRIPTORS: *Cements, Water, Calcium compounds,
*Silicates, Hydrates, Hardening

I. Chassevent, L.
II. Kuhl, H.
III. Title: Calcium...

(Materials, TT, v. 11, no. 7)

Office of Technical Services

Graf, Otto.
EXPERIMENTS ON THE EFFECT OF VARIOUS
CEMENTS ON THE DURABILITY OF CONCRETE
WATERS [FT. 1] 3 Dec 34, 14p (figs tables refs
omitted)

Order from SLA \$1.60

TT-64-14212

Trans. of Zement (Germany) 1934, v. 23, no. 27,
p. 376-388.

DESCRIPTORS: *Cements, *Concrete, *Corrosive
Liquids, Corrosion, Mechanical properties.

(Materials, TT, v. 11, no. 7)

TT-64-14212

I. Graf, O.

Office of Technical Services

TT-64-14190

Rodt, V.
ON THE DETERMINATION OF FREE LIME HYDRATE
IN HARDENING CEMENT AND IN CEMENT-TRASS
MIXTURES AS WELL AS COMBINED LIME HYDRATE
IN LIME TRASS MIXTURES. II. THE QUANTITIES
OF LIME HYDRATE COMBINED DURING THE
HARDENING OF TRASS LIME MIXTURES [AND]
SUMMARY. [1963] 5p (tables omitted)
Order from SLA \$1.10

TT-64-14190

Partial trans. (p. 433-435) of Zement (Germany) 1934,
v. 23, no. 30, p. 429-435.

DESCRIPTORS: *Cements, Calcium compounds,
Hydrates, Mixtures, Water, Hardening, Quantitative
analysis.

(Materials, TT, v. 11, no. 7)

- I. Title: Trass
- i. Rodt, V.
- II. Title: Quantities ...

Office of Technical Services

TT-64-14221

Graf, Otto and Walz, Kurt.
EXPERIMENTS ON THE EFFECT OF VARIOUS
CEMENTS ON THE DURABILITY OF CONCRETE IN
CORROSIVE WATERS. (CONTINUATION). 30 Nov 34,
5p (figs tables omitted)
Order from SLA \$1.10 TT-64-14221

Trans. of Zement (Germany) 1934, v. 23, no. 31,
p. 448-453.

DESCRIPTORS: *Cements, *Corrosion, *Corrosive
liquids, Concrete, Degradation, Water, Salts.

(Materials, TT, v. 11, no. 7)

I. Graf, O.
II. Walz, K.

Office of Technical Services

TT-64-14219

Graf, Otto and Walz, Kurt.
EXPERIMENTS ON THE EFFECT OF VARIOUS
CEMENTS ON THE DURABILITY OF CONCRETE
IN CORROSIVE WATERS (CONTINUATION).
6 Nov 34, 7p (figs tables omitted)
Order from SLA \$1.10 TT-64-14219

Trans. of Zement (Germany) 1934, v. 23, no. 32,
p. 461-466.

DESCRIPTORS: *Cements, *Corrosion, *Corrosive
Liquids, Concrete, Degradation, Water, Salts.

(Materials, TT, v. 11, no. 7)

I. Graf, O.
II. Walz, K.

Office of Technical Services

TT-64-14220

Graf, Otto and Walz, Kurt.
EXPERIMENTS ON THE EFFECTS OF VARIOUS
CEMENTS ON THE DURABILITY OF CONCRETE IN
CORROSIVE WATERS (CONCLUSION). 30 Nov 34,
5p (figs tables omitted)
Order from SLA \$1.10

TT-64-14220

Trans. of Zement (Germany) 1934, v. 23, no. 33,
p. 473-475.

DESCRIPTORS: *Cements, *Corrosion, *Corrosive
liquids, Concrete, Degradation, Water, Salts.

(Materials, TT, v. 11, no. 7)

I. Graf, O.
II. Walz, K.

Office of Technical Services

The Hardening of Cement Mortars- AN
Electrostatic Phenomenon, Pts 1-2, by
Leopold Jesser.
GERMAN, per, Zement, Vol XXIII, No 36,
1934, pp 514-518; No 45, p 665-669;
No 46 p 677-682.
SLA TT 64-18252

Apr 67

323,117

TT-64-14211

Guttmann, A.
CONTRIBUTION TO THE IMPACT STRENGTH OF
CONCRETE. 24 Jan 35, 12p (figs tables omitted) 23refs
Order from SLA \$1.60 TT-64-14211

Trans. of Zement (Germany) 1934, v. 23, no. 36,
p. 528-534.

DESCRIPTORS: *Concrete, Tensile properties,
Loading (Mechanics), Compressive properties, Shock
resistance, Cement.

(Materials, TT, v. 11, no. 7)

I. Guttmann, A.

Office of Technical Services

TT-64-14189

Rodt, V.
THE DETERMINATION OF FREE LIME IN CEMENT.
[1963] 11p 51refs
Order from SLA \$1.60

TT-64-14189

Trans. of Zement (Germany) 1934, v. 23, no. 41,
p. 605-609.

DESCRIPTORS: *Cements, *Calcium compounds,
Oxides, Chemical analysis, Test methods.

(Materials, TT, v. 11, no. 7)

I. Rodt, V.

TT-64-14189

Office of Technical Services

TT-64-14210

Graf, Otto.
REGARDING SEVERAL CONDITIONS REQUIRED FOR
THE MAKING OF GOOD PAVEMENT CONCRETE.
14 Jan 33, 6p (figs refs omitted)
Order from SLA \$1.10

TT-64-14210

Trans. of Zement (Germany) 1934, v. 23, no. 41,
p. 610-613.

DESCRIPTORS: *Concrete, *Pavements, Cements,
Sand, Rock (Geology).

(Materials, TT, v. 11, no. 7)

1. Graf, O.

Office of Technical Services

Formen, Mineral.
THE CHEMISTRY OF PORTLAND CEMENT, FIS.
I-IV. [1963] [72p] (184figs omitted) 66refs
Order from SLA \$7.60

TT-64-14431

Trans. of Cement (Germany) 1935, v. 24, no. 2,
p. 17-22; no. 3, p. 35-37; no. 6, p. 77-82; no. 10,
p. 139-146; no. 13, p. 191-197.

(Materials, TT, v. 11, no. 12)

TT 64-14431

L. E. Eason, L.

Office of Technical Services

On the Determination of Free Calcium
Hydroxide in Hardened Cements and Cement-
Trass Mixtures, Including the Combined
Calcium Hydroxide in Hardened Lime-
Trass Mixtures, by V. Rodt.
GERMAN, per, Zement, Vol XXIV, No 7,
1935, pp 94-97
SLA TT 64-18262

Apr 67

323,107

On the Action of Water on Tricalcium
Silicate, by R. Nacken.
GERMANY, per, WZement, Vol XXIV, No 13,
1935, pp 183-191.
SLA TT 64-18291

Apr 67

323,110

Gronow, H. Elmer von.
THE HEAT OF FORMATION OF TRI-CALCIUM
SILICATE AT 1500°C. [29 Apr 36] 5p 3refs
Order from SLA \$1.10 TT-64-14191

Trans. of Zement (Germany) 1936, v. 25, no. 5,
p. 61-62.

DESCRIPTORS: *Calcium compounds, *Silicates, Heat
of formation, Specific heat, *Cements

(Materials, TT, v. 11, no. 7)

TT-64-14191

I. Gronow, H. E. von

Office of Technical Services

The Determination of Free Calcium-Hydroxide
in Hardened Cements and Mixtures of Cement and Trass,
as Well as the Combined Calcium-Hydroxide in
Hardened Lime-Trass-Mixtures, by V. Rodt.
GERMAN, per, Zement, Vol XXV, No 11,
1936, pp 161-164.
SLA TT 64-18260

Apr 67

323,108

Anselm, Wilhelm.
PROCESS FOR DETERMINING THE QUALITY OF
PORTLAND CEMENT CLINKER. 20 Nov 36, 10p
(figs tables refs omitted)
Order from SLA \$1.10

TT-64-14183

Partial trans. (p. 633-639) of Zement (Germany) 1936,
v. 25, no. 38, p. 633-644.

(Materials, TT, v. 11, no. 12)

TT-64-14183

L. Anselm, W.

Office of Technical Services

Strength of Asbestos-Cement, by G. Rosenbaum.
GERMAN, per, Zement, Vol XKV, 1936, pp 292-295.
CSR Co

Sci - Mat/Met
Jun. 64

261,233

TT-64-14216

I. Jesser, L.

Jesser, Leopold
THE HARDENING OF CEMENT AN ELECTRO-
STATIC PHENOMENON, PT. III: [SELECTED
PORTION] [1 Oct 36] 11p 19refs
Order from SLA \$1.60

TT-64-14216

Partial trans. [p. 520-522] of Zement (Germany) 1936,
v. 25, no. 31, p. 518-523.

DESCRIPTORS: *Cements, *Hardening, *Aging (Mate-
rials), Mortar, *Electrostatics, Physical chemistry,
Colloids, Ions, Plasticity, Density, Electrical fields,

(Materials, TT, v. 11, no. 9)

Office of Technical Services

TT-64-14215

I. Jesser, L.

Jesser, Leopold.
THE HARDENING OF CEMENT, AN ELECTRO-
STATIC PHENOMENON, PT. III (CONCLUSION).
22 Oct 36, 7p 4refs
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p. 537-540.

DESCRIPTORS: *Cements, *Hardening, *Aging (Mate-
rials), Mortar, *Electrostatics, Physical chemistry,
Colloids, Ions, Reaction kinetics, Calcium compounds,
Hydroxides, Crystallization, Electrical fields,

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Order from SLA \$1.60

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p. 345-350; no. 23, p. 359-362; no. 24, p. 374-379].

DESCRIPTORS: *Concrete. *Cements. Pavements.
Mechanical properties. *Mortar.

I. Grün, R.
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(Materials, TT, v. 11, no. 8)

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by Kurt Wurznier.
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pp 572-575.
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Apr 61

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Notes on the Hydration of Cement, by A. E.
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GERMAN, por, Zement und Beton (Austria),
No 16, 1959, pp 19, 20.

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Results of Recent Work on the Hydration of
Calcium Silicates, by H. Schwiete, R. Muller-
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p. 1-9.

DESCRIPTORS: *Cements, Industrial plants, Manu-
facturing methods, Austria, Materials, *Concrete,
Structures, Construction, Chemical industry, Mechan-
ical properties, Creep, Chemical reactions,
Metallurgy.

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Concrete as a Large Building Element, by W. Schulze,
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CONTENT. [1963] 8p (fig omitted) 2refs
Order from SLA \$1.10

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Trans. of Zement-Kalk-Gips (West Germany) 1951,
v. 4, no. 2, p. 11-12.

DESCRIPTORS: *Cements, Magnesium compounds,
Oxides, Quantitative analysis, Tensile properties.

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Order from SLA \$2.60

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HARDENING OF ALUMINOUS CEMENTS. [1963]
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Order from SLA \$3.60

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Trans. of Zement-Kalk-Gips (West Germany) 1953,
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DESCRIPTORS: *Cements, Hardening, Aluminates,
*Calcium compounds, Water, Mixtures, Phase studies,
Hydrates.

(Materials, TT, v. 11, no. 7)

TT-64-14260

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